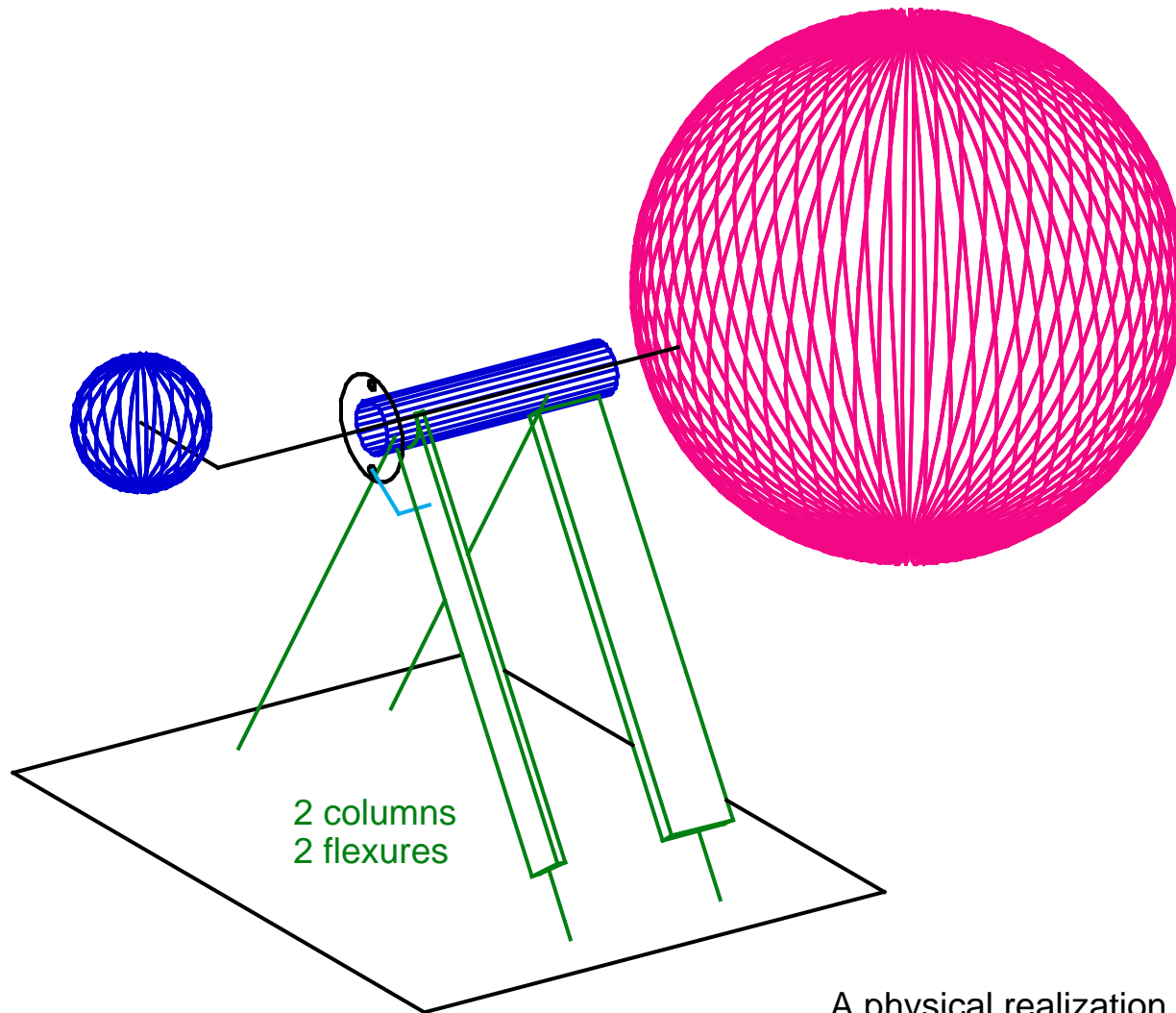


#### 4 DOF concept

We do not need a rotational degree of freedom for the axle bearing housing about its axis.

We also do not need a translational degree of freedom for the axle bearing housing along its axis.

There are two non-adjustable constraints in the two flexures.



A physical realization of this concept would have short flexures joining long columns to the axle bearing housing, this to preserve column stiffness. A hinge will do as well as a flexure if that hinge has little play in it.